

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/007859

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L12/56 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/03379 A (BOLINTH EDGAR ; KERN RALF (DE); SCHWARK UWE (DE); SIEMENS AG (DE)) 11 January 2001 (2001-01-11) abstract; figure 1 page 1, line 6 - line 27 page 2, line 11 - page 3, line 33 page 4, line 21 - page 7, line 10 -----	1-16
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21, 3 August 2001 (2001-08-03) & JP 2001 103570 A (TOSHIBA CORP), 13 April 2001 (2001-04-13) abstract ----- -/-	1, 3, 4, 8-10, 14-16

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

14 September 2004

04/10/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZHANG W ET AL: "On Improving the Performance of Bluetooth Networks THROUGH DYNAMIC ROLE MANAGEMENT" May 2001 (2001-05), , XP002198269 paragraph '0001! paragraph '02.2! paragraph '0003! -----	1,14-16
P, X	EP 1 324 540 A (TOKYO SHIBAURA ELECTRIC CO) 2 July 2003 (2003-07-02) abstract paragraph '0020! - paragraph '0032! -----	1,14-16
A	BRAY J ET AL: "BLUETOOTH - Connect Without Cables , PASSAGE" BLUETOOTH CONNECT WITHOUT CABLES, XX, XX, 2001, pages 42-45,52, XP002243377 the whole document -----	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/JP2004/007859

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